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MODEL 51C BRANCH TERMINATION UNIT WITH DISPLAY

The Jorway Model 51C Branch Termination Unit is designed to be used in systems employing the standard Branch Highway and Type A or A-1 Crate Controllers. An integral cable assembly allows the unit to be easily connected to the Branch Highway without the need for additional cables. The Model 51C terminates and provides current sources for sixty-five (65) active branch lines. Additionally the two cable shield lines (BSC) are internally grounded. The Model 51C meets all of the applicable requirements of EUR4100e and EUR4600e.

The front panel display of the Model 51C is arranged to display all sixty-five (65) Branch Highway signals. Internal storage stores the current branch signal conditions as BTA is applied to the highway. When BTA is removed the storage latches the current state of each appropriate line. BTA, BD, and BZ are stretched to approximately 100ms for display. A three position toggle switch allows selection of LATCH, TRACK, or momentary CLEAR. In the Track mode the display follows the state of all lines regardless of the state of BTA. This is often used in branch highway troubleshooting to locate defective lines.

SPECIFICATIONS

Terminating Impedence	100 ohms.
Open Circuit Voltage	+4.1v.
Short Circuit Current	40ma.
Power Requirements	+6v @ 4300ma max.
Mechanical	Double width CAMAC module with metal side shields.
Cable Length	1.5 foot.

